IN THE CLAIMS:

Please withdraw claims 2, 4, 7-11, 13, 15, and 16 as follows.

1. (Original) An oscillating inner gearing planetary gear system comprising:

an internal gear;

an external gear which meshes with the internal gear;

an eccentric body which oscillatingly rotates either the internal gear or the external gear;

an input shaft;

a middle shaft which has an orthogonal gear, the orthogonal gear linking the middle shaft to the input shaft at a right angle; wherein

either the internal gear or external gear is oscillatingly rotated via the input shaft, the orthogonal gear, the middle shaft, and the eccentric body.

2. (Withdrawn) The oscillating inner gearing planetary gear system, according to claim 1, wherein,

the eccentric body is incorporated into the middle shaft.

3. (Original) The oscillating inner gearing planetary gear system, according to claim 1, wherein

the system further comprises an eccentric shaft having the eccentric body, the eccentric shaft being disposed apart from the middle shaft.

4. (Withdrawn) The oscillating inner gearing planetary gear system, according to claim 3, wherein

the system comprises a plurality of the eccentric shafts,

each of the eccentric shafts has an eccentric shaft drive gear,

the middle shaft has an middle gear, and

the middle gear and all of the eccentric shaft drive gears mesh with one transmitting gear concurrently.

5. (Original) The oscillating inner gearing planetary gear system, according to claim 3, wherein

the system comprises a plurality of the eccentric shafts,

each of the eccentric shafts has an eccentric shaft drive gear,

the middle shaft has an transmitting gear, and

all of the eccentric shaft drive gears mesh with the transmitting gear concurrently.

6. (Original) The oscillating inner gearing planetary gear system, according to claim 5, wherein

the middle shaft has a hollow structure.

7. (Withdrawn) The oscillating inner gearing planetary gear system, according to claim 3, wherein

the middle shaft comprises the eccentric body.

8. (Withdrawn) The oscillating inner gearing planetary gear system, according to claim 7, wherein

the eccentric shaft is unlinked with the middle shaft.

9. (Withdrawn) The oscillating inner gearing planetary gear system, according to claim 7, the gear system further comprising:

eccentric shaft drive gears incorporated into the middle shaft and the eccentric shaft respectively, and

a transmitting gear which meshes with all of the eccentric shaft drive gears.

10. (Withdrawn) The oscillating inner gearing planetary gear system, according to claim 9, wherein

the transmitting gear has a hollow structure.

11. (Withdrawn) The oscillating inner gearing planetary gear system, according to claim 1,

the middle shaft is located at a position more radially outward than the internal gear.

12. (Original) The oscillating inner gearing planetary gear system, according to claim 1, wherein

the system further comprises an output member, and

the middle shaft is located in parallel to the output member.

13. (Withdrawn) The oscillating inner gearing planetary gear system, according to claim 1, wherein

the eccentric body oscillatingly rotates the internal gear, and

the external gear is a hollow output shaft.

14. (Original) The oscillating inner gearing planetary gear system, according to claim 1, wherein

the eccentric body oscillatingly rotates the external gear, and

an output shaft is a hollow shaft.

15. (Withdrawn) The oscillating inner gearing planetary gear system, according to claim 1, wherein

the external gear is disposed at a radial center of the gear system.

16. (Withdrawn) The oscillating inner gearing planetary gear system, according to claim 15, wherein

the eccentric shaft having an eccentric body has a hollow structure.